Curriculum Mapping for South Dakota Essential Core Standards

X = Not taught
I = Introduced
R = Reinforced
P = Proficient/practiced

Grade 3 Math - Algebra

Indicator 1: Analyze procedures to transform algebraic expressions.			
Standard	**Curriculum Map (X, I, R, P)**	**Resources**	**Actions Needed**
1. explain the relationship between repeated addition and multiplication.			
2. recognize and use the commutative and associative properties of multiplication, e.g., if 6 x 7 = 42, then what is 7 x 6?			
3. identify special properties of 0 and 1 with respect to arithmetic operations			

Indicator 2: Use a variety of algebraic concepts and methods to solve problems.			
Standard	**Curriculum Map (X, I, R, P)**	**Resources**	**Actions Needed**
1. select appropriate operational and relational symbols to make expressions true, e.g., 4 _ 3 = 12.			

Grade 3 Math Algebra continued:

Indicator 3: Analyze and describe situations that involve one or more variables.			
Standard	**Curriculum Map (X, I, R, P)**	**Resources**	**Actions Needed**
1. explain the relationship between multiplication and division to compute and check results, e.g., 3 x 7 = 21, so 21 ÷7 = _.			
2. determine various multiplication and division sentences for a given number.			